

What is claimed is:

- 1 1. A fluid quick connector comprising:
2 a connector housing configured to mate with a male endform along a
3 first axis through a bore in the housing; and
4 a contact member carried on the housing in the bore and adapted for
5 electrical contact with the male endform when the male endform is inserted into the
6 bore in the housing.
- 1 2. The fluid quick connector of claim 1 wherein the contact
2 member comprises:
3 at least one finger carried with the housing and extending into the bore
4 in the housing.
- 1 3. The fluid quick connector of claim 2 wherein:
2 the at least one finger is integrally formed as a unitary part of the
3 housing.
- 1 4. The fluid quick connector of claim 2 wherein the at least one
2 finger further comprises:
3 a plurality of circumferentially spaced fingers carried on the housing.
- 1 5. The fluid quick connector of claim 4 wherein the plurality of
2 fingers comprise:
3 three equi-circumferentially spaced fingers.
- 1 6. The fluid quick connector of claim 4 wherein:
2 an inner diameter between the contact fingers is smaller than an outer
3 diameter of the male endform.

10010292.111201

10010292.111201

1 7. The fluid quick connector of claim 1 wherein:
2 the contact member is positioned in the bore in the housing for
3 engagement with a tip end of the male endform when the male endform is fully
4 inserted into the quick connector housing.

1 8. The fluid quick connector of claim 1 wherein the contact
2 member comprises:
3 at least one projection integral with the housing, the at least one
4 projection extending radially inward into the bore in the housing.

1 9. The fluid quick connector of claim 8 wherein:
2 the at least one projection is integrally formed as a unitary part of the
3 housing.

1 10. The fluid quick connector of claim 8 wherein the at least one
2 projection comprises:
3 a plurality of circumferentially spaced projections carried on the
4 housing.

1 11. The fluid quick connector of claim 8 wherein the at least one
2 projection comprises:
3 three equi-circumferentially spaced projections carried on the housing.

1 12. The fluid quick connector of claim 8 wherein:
2 the contact member is mounted in the bore of the housing to engage a
3 tip end of the male endform when the male endform is fully inserted into the bore in
4 the housing.

1 13. The fluid quick connector of claim 10 wherein:
2 an inner diameter between the projections is less than the outer
3 diameter of the male endform.

10010202-111201

14. The fluid quick connector of claim 1 further comprising:
the quick connector housing and the male endform formed of an
electrically conductive material.

10010292-111201